

DUVILAX® KA-31

Properties

Copolymer dispersion on the vinyl acetate – acrylate base in the aqueous environment. The emulsion system consists of a non-ionic and anion-active emulsifier. It is biodegradable.

Application

Duvilax KA-31 is used in the industrial production of glass fibres for the preparation of sizing solutions to adjust emulsion-type mats. It is added to increase the solubility of the surface of the impregnated mat in an aromatic hydrocarbon (e.g. in styrene). After diluting with water it is used in the building industry for filling over-porous surfaces, such as the so-called in-depth penetration. Duvilax KA-31 is also suitable as a component of the modification of special dispersion adhesives for paper, printing and building industries.

Packaging

plastic packages: 30kg keg, 125kg; steel barrel 200kg, 220kg;
plastic container 1,000kg; rail and car tank.

Parameters

appearance	viscous liquid of white colour
dry matter content	min. 51,5 %
viscosity	10 - 200 mPa.s (Rheotest) 10 - 500 mPa.s. (Brookfield RVT, ISO 2555)
pH	4 – 8
min. film forming temperature	5 °C
film properties	transparent, soft and slightly sticky
particle size	190 - 250 nm

Storage

Duvilax KA-31 is stored in the original, undamaged and closed containers, at the temperature ranging from 5°C to 40°C; it must not be exposed to direct sunlight. Goods delivered in tankers are stored in specially designed reservoirs protected against corrosion. Free access of air from the surrounding environment needs to be prevented in reservoirs (for example via a water valve) or reservoirs need to be equipped with an agitator. Avoid mixing with other agents and micro-biologically defective material. After emptying a reservoir, the reservoir needs to be cleaned and disinfected with a biocidal agent.

Warranty

6 months from the date of production if storage conditions are observed.

Updated: 05/2017

This technical data sheet cancels all previous versions and replaces them. Information contained therein are not binding and are only of an informative and general character. They are based on our own experience, research and objective testing. The product meets the above specifications only during the warranty period and under the conditions in this data sheet. The company Duslo, Inc. does not guarantee the suitability of the product for a particular purpose. Use of the product for a specific purpose, including suitability for a particular purpose and methods of its use, is the customer obliged to test in specific technology conditions. Information relating to health and safety at work are provided in the Material Safety Data Sheet. More product information, details and contacts are available on www.duslo.sk. Written and / or oral advice, relating to a product, has the character of a non-binding recommendation.